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(54) **A storage drum of densely packed welding wire**

(57) A storage drum (62) of densely packed welding wire, said storage drum comprising a bottom, an upper lip spaced axially apart from said bottom, and at least one side wall extending between said bottom and said upper lip, whereas a continuous length of welding wire is placed within said storage drum forming a plurality of axially adjacent layers, each of said axially adjacent layers being comprised of a number of wire loops having a nominal diameter forming a selected layer density, and each of said axially adjacent layers having a layer density substantially different than said axially adjacent layers immediately adjacent thereto.

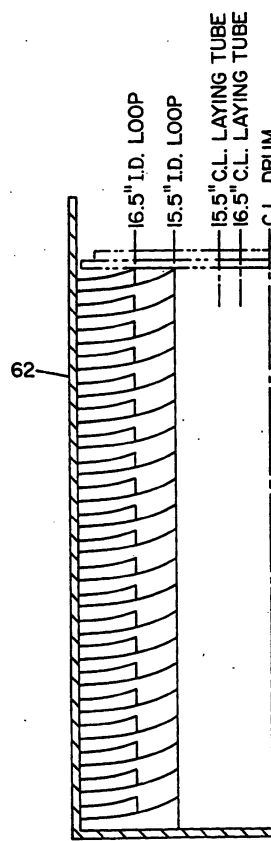


FIG. 12
20" DRUM

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EUROPEAN SEARCH REPORT

Application Number
EP 04 01 6410

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B21C B65H B23K
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		16 November 2004	Augé, M
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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